



Please substitute the enclosed substitute sheet of drawing containing Fig. 3 for the originally filed sheet of drawing containing Fig. 3. Fig. 3 was amended to change the reference numeral 46 to 56 and add the reference numeral 55.

In the specification, please substitute the following amended paragraph [0008] for paragraph [0008] as originally filed.

[0008] The stereo microscope of this invention includes a housing or hollow elongated body 26 having a pair of oculars 27. Each ocular has a lens assembly 28 and is pivotally mounted at 29 and 30 so that both oculars move in a common plane. Adjacent an end of each ocular is a prism assembly 31. An objective lens 32 is mounted in the housing at an end opposite the pair of oculars. Located between the prism assemblies 31 and the objective lens 32 is a lens magnification changer 33. The lens magnification changer is rotatively mounted at 34. A first series of bores 35 extend diametrically through the lens magnification changer 33 and with all bores located in a common plane. Two or more of these bores contain a lens assembly. A second series of bores 36 extend diametrically through the lens magnification chamber 33 and all located in a common plane. Two or more of these second series of bores contain a lens assembly. A line of sight is established through each ocular 27 to a prism assembly 31, through one of the bores of the lens magnification changer and through the objective lens 32. The lines of sight extending through each ocular 27 and the remainder of the stereo microscope both lie in a common plane. This provides the advantage over conventional stereo microscopes of

shortening the optical paths through the microscope which improves light transmission and provides less distortion of an image observed. Pivotal mounting each of the oculars provides for adjusting an angle between each optical path extending through an ocular and an optical path extending through a respective bore of the lens magnification changer to improve the stereoscopic image of an object observed. Increasing the amount of spacing between the bores 35 and 36 of the lens magnification changer 33 improves the stereoscopic effect of the image observed.

In the specification, please substitute the following amended paragraph [0012] for paragraph [0012] as originally filed.

[0012] Housing 26, as shown in Fig. 3, includes an internal mount 55 having a base section 56 ~~a body portion 46~~ on which the lens magnification changer 33, prism assemblies 31, oculars 27 and camera 38 are ~~is~~ mounted. Rigid straps 47 and 48 are attached to the ~~body portion 46~~ base section 56 by suitable means such as rivets or screws. Upper housing shell 49 and lower housing shell 50 are attached about internal mount 55 ~~body portion 46~~ by screws 51 which are screwed into lower housing shell ~~body portion~~ 50. Objective lens 32 is held in place in the housing 26 by one or more screw threaded members 51 which are screwed into an end of the housing 26. A plate 52 which is positioned in a groove in the upper housing shell 49 and mates with the lower housing shell helps to complete the housing 26.